MEETING HIGHLIGHTS
CALFED DRINKING WATER QUALITY OPERATIONS WORKGROUP

September 30, 1999
2:00 p.m. to 3:00 p.m.
Conference Call

Attendance

Paul Sandhu, DWR
Sanjaya Seneviratne, DWR
Jay Lund, UCD (via conference call)
Dave Briggs, CCWD (via conference call)
Chuching Wang, MWDSC (via conference call)
Bill Smith, SWRI (via conference call)
Susan Paulson, Flow Science, Inc. (via conference call)
Paul Hutton, CALFED

Graphical Representation of Study Results

The workgroup agreed to show tabular and graphical results at North Bay Aqueduct, Rock Slough, Clifton Court, and Tracy. Specific tables and graphics will be as follows:

1. Bromide time series plots (monthly average concentrations): 4 locations x 6 studies = 24 total plots
2. Bromide exceedance probability tables and box & whisker plots (monthly average concentrations)
    a. 5 locations x 2 sheets/location = 10 sheets (San Andreas is additional location)
    b. each sheet will have 3 tables and 3 box & whisker plots
    c. for each location, one sheet will summarize studies without Hood diversion and one sheet will summarize studies with Hood diversion.
3. Bromide time series tables (monthly average % difference): 4 locations x 4 differences = 16 total tables
4. Jan-Dec bromide source fraction plots (16-yr average monthly concentrations):
    4 locations x 6 studies = 24 total plots
5. Other Bromide concentration tables:
    a. average bromide concentration for long term period (1976-92), dry & critical yrs, and drought period (1987-92)
    b. 4 locations x 6 studies = 24 tables

North of Delta Storage (2 MAF) Operating Rules

Chuching suggested taking one parameter at a time, using August and September releases (250 to 3000 cfs) and evaluate the Rock Slough impact. Sensitivity charts can be prepared to show impacts of release.

South of Delta Storage (1 MAF) Operating Rules

Dave reviewed south3.zip file and indicated results show cut in exports, increase in outflow and improvement in Rock Slough salinity. Is it real? Do we want to capture and hold water upstream? Bill feels if we hold water, sooner or later we will have to let it go. His suggestion was, once water leaves upstream reservoirs, we should manipulate pumps. Assuming that South Delta storage meets demand, operate upstream reservoirs even if exports are cut and outflow is high. This will improve export water quality.

Susan needs output by October 5 or 6 to make FDM runs and put it in right format by 11th of October to meet the October 18 deadline. Dave will try to make information available to Paul Hutton by Monday and to Susan by Tuesday.

Workgroup Report

Dave will use meeting minutes to prepare a writeup on graphical representations. There are many ideas and need to identify side issues and include these in the report. Dave will get report out on Friday or Monday.

Bill will draft a 2-3 page Appendix documentation related to his model development activities. Susan's graphs and tables will go into the main report. Susan will provide information on assumptions.

Next Meeting

The next small group meeting will be held on Thursday, October 7 from 2:00 p.m. - 3:30 p.m.